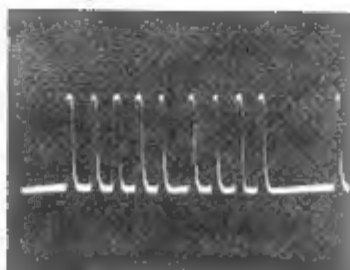


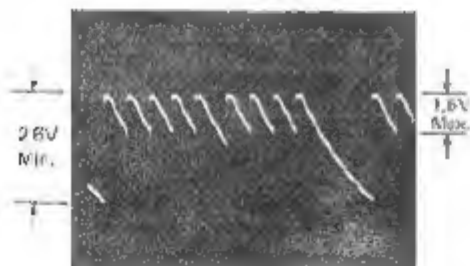
1 COLLECTOR Q5
.5 - 2.0V μ s



2 BASE OF Q101
.2V μ s



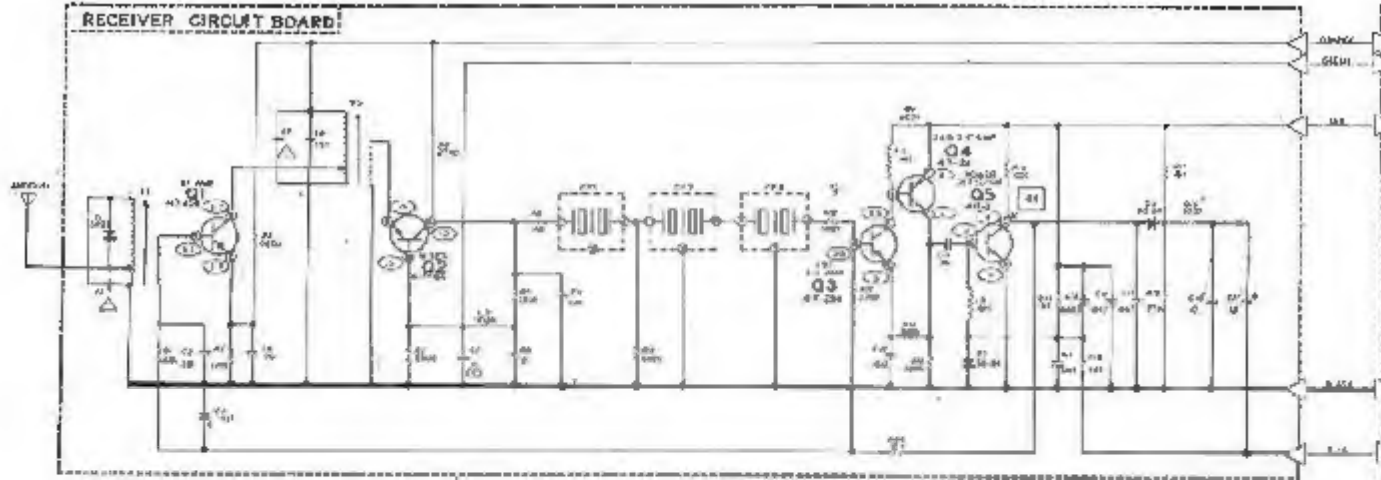
3 COLLECTOR Q102
5.0V μ s



4 PIN 2 IC1



5 IC OUTPUTS TO SERVO
PINS 9-16
5V μ s



**SCHEMATIC OF THE
HEATHKIT®
8-CHANNEL DIGITAL PROPORTIONAL
RECEIVER
MODEL QDA-403-2**

NOTES

1. RESISTOR AND CAPACITOR VALUES ARE IN THE FOLLOWING GROUPS:
0-10% PARTS INDICATED BY THE RECEIVER CIRCUIT BOARD.
10-10% PARTS INDICATED BY THE RECEIVER CIRCUIT BOARD.
2. ALL RESISTORS ARE 1/2 WATT UNLESS OTHERWISE SPECIFIED.
RESISTOR VALUES ARE IN OHMS, K=1,000, M=1,000,000.
3. ALL CAPACITOR VALUES LESS THAN 1 ARE IN P.F. ALL VALUES
OF 1 OR GREATER ARE IN MICROFARADS (MICROFARADS).
4. THE SYMBOLS INDICATE A POSITIVE DC VOLTAGE
MEASUREMENT WITH AN OSCILLOSCOPE OR METER.
5. THE SYMBOLS WITH A NUMBER IN IT
CORRESPOND TO THE MODEL AND CH. PAGE NO.

6. THIS SCHEMATIC IS GIVEN WITH A 100V AC SOURCE.
VOLTAGE DIFFERENCES IN THE FREQUENCY RANGE USED.
40 Hz to 100 Hz only. 10 Hz to 100 Hz only.
40 Hz to 100 Hz only. 10 Hz to 100 Hz only.
40 Hz to 100 Hz only. 10 Hz to 100 Hz only.
40 Hz to 100 Hz only. 10 Hz to 100 Hz only.
40 Hz to 100 Hz only. 10 Hz to 100 Hz only.

7. ALL VOLTAGES ARE MEASURED WITH A 100V AC SOURCE.
VOLTAGE DIFFERENCES IN THE FREQUENCY RANGE USED.
VOLTAGE DIFFERENCES IN THE FREQUENCY RANGE USED.
8. REFER TO THE CIRCUIT BOARD FOR THE PHYSICAL
LAYOUT OF PARTS.

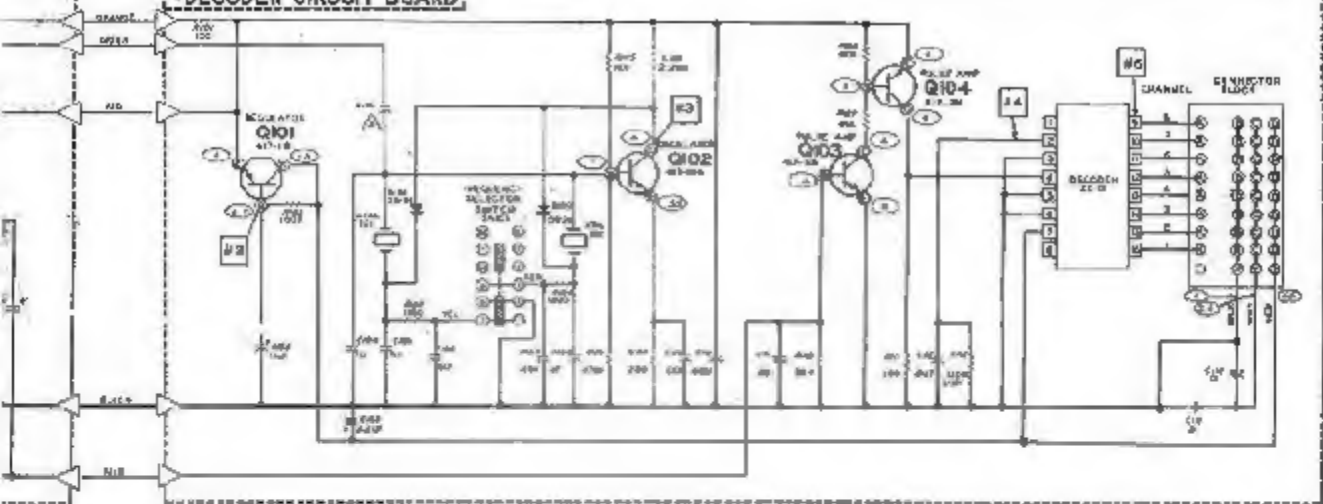
21 WHI
BAND

22 WHI
BAND

23 WHI
BAND

FREQUENCY RANGE	
21 WHI	22 WHI
21.000	21.000
21.001	21.001
21.002	21.002
21.003	21.003
21.004	21.004
21.005	21.005
21.006	21.006
21.007	21.007
21.008	21.008
21.009	21.009
21.010	21.010
21.011	21.011
21.012	21.012
21.013	21.013
21.014	21.014
21.015	21.015
21.016	21.016
21.017	21.017
21.018	21.018
21.019	21.019
21.020	21.020
21.021	21.021
21.022	21.022
21.023	21.023
21.024	21.024
21.025	21.025
21.026	21.026
21.027	21.027
21.028	21.028
21.029	21.029
21.030	21.030

DECODER CIRCUIT BOARD



INTERCONNECTING SCHEMATIC DIAGRAM

